

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A method of fabricating a liquid crystal cell for a small size liquid crystal display device, comprising ~~the steps of:~~

preparing a lower substrate having a first region and a second region, a plurality of first [[unit]] cells at the first region, the plurality of first cells composed of array devices ~~at a first region~~, a plurality of inspection pads at [[a]] the second region, and an inspection line connecting the inspection pads and the plurality of first [[unit]] cells, ~~and data and gate lines at the first region;~~

preparing an upper substrate having a third region and a fourth region, a plurality of second [[unit]] cells at the third region, the plurality of second cells composed of a color filter ~~at a third region, a fourth region~~, and a plurality of scribe keys at a border between the third and fourth regions ~~and a common line at the third region;~~

~~forming a seal pattern on the first region of the lower substrate;~~

~~forming a liquid crystal layer on the lower substrate having the seal pattern;~~

~~aligning and~~ attaching the upper and lower substrates;

exposing the inspection pads of the lower substrate by scribing and breaking the upper substrate along the scribe keys; and

performing an ON/OFF inspection of all the ~~unit liquid crystal~~ cells by applying a voltage to the inspection pads of the lower substrate.

2. (Currently Amended) The method of fabricating a liquid crystal cell for a small size liquid crystal display device according to claim 1, further comprising ~~the steps of:~~
cutting the ~~liquid crystal cell~~ attached substrates into ~~[[the]]~~ unit liquid crystal cells;
and
performing a grinding process, wherein an edge of ~~[[the]]~~ a unit liquid crystal cell is polished.

3. (Currently Amended) The method of fabricating a liquid crystal cell for a small size liquid crystal display device according to claim 2, wherein the liquid crystal layer is formed before the cutting ~~process~~.

4. (Currently Amended) The method of fabricating a liquid crystal cell for a small size liquid crystal display device according to claim 3, wherein after the cutting ~~process~~, a shorting bar for protecting the cell from static electricity is cut before the grinding process.

5. (Currently Amended) The method of fabricating a liquid crystal cell for a small size liquid crystal display device according to claim 1, wherein the lower and upper ~~[[glass]]~~ substrates are made of glass.

6. (Original) The method of fabricating a liquid crystal cell for a small size liquid crystal display device according to claim 5, wherein the lower and upper glass are about 370 X 470 mm² in size.

7. (Currently Amended) The method of fabricating a liquid crystal cell for a small size liquid crystal display device according to claim 14, wherein the inspection pads are composed of first inspection pads connected to the gate and data lines, and second inspection pads connected to the common line.

8. (Currently Amended) The method of fabricating a liquid crystal cell for a small size liquid crystal display device according to claim 7, further comprising ~~the steps of:~~

cutting the ~~liquid crystal cell~~ attached substrates into ~~[[the]]~~ unit liquid crystal cells;
and

performing a grinding process, wherein an edge of ~~[[the]]~~ a unit liquid crystal cell is polished.

9. (Original) The method of fabricating a liquid crystal cell for a small size liquid crystal display device according to claim 1, wherein the liquid crystal is formed in a vacuum chamber by a dispensing method.

10. (Original) The method of fabricating a liquid crystal cell for a small size liquid crystal display device according to claim 9, wherein the lower and upper substrates are aligned and attached in the vacuum chamber.

11. (Currently Amended) A liquid crystal cell for a small size liquid crystal display device, comprising:

a lower substrate having a first region and a second region, a plurality of first [[unit]] cells at the first region, the plurality of first cells composed of array devices ~~at a first region~~, a plurality of inspection pads at [[a]] the second region, and an inspection line connecting the inspection pads and the plurality of first [[unit]] cells, ~~and data and gate lines at the first region~~;

an upper substrate having a third region and a fourth region, a plurality of second [[unit]] cells at the third region, the plurality of second cells composed of a color filter ~~at a third region, a fourth region~~, and a plurality of scribe keys at a border between the third and fourth regions ~~and a common line at the third region~~; and

a liquid crystal layer interposed between the upper and lower substrates.

12. (Currently Amended) The liquid crystal display device according to claim 11, wherein the lower and upper ~~glass~~ substrates are made of glass.

13. (Original) The liquid crystal display device according to claim 12, wherein the lower and upper glass are about 370 X 470 mm² in size.

14. (New) The method of fabricating a liquid crystal cell for a small size liquid crystal display device according to claim 1, further comprising:
providing gate lines and data lines at the first region; and
providing a common line at the third region.

15. (New) The method of fabricating a liquid crystal cell for a small size liquid crystal display device according to claim 1, further comprising aligning the upper and lower substrates.

16. (New) The liquid crystal display device according to claim 11, further comprising:

gate lines and data lines at the first region; and
a common line at the third region.

17. (New) The liquid crystal display device according to claim 16, wherein the inspection pads are composed of first inspection pads connected to the gate and data lines, and second inspection pads connected to the common line.

18. (New) A method of fabricating a liquid crystal cell for a liquid crystal display device, comprising:

preparing a lower substrate having a first region and a second region, a plurality of array cells at the first region, the plurality of array cells composed of array devices, a plurality of inspection pads at the second region, and an inspection line connecting the inspection pads and the plurality of array cells;

preparing an upper substrate having a plurality of a third region and a fourth region, a plurality of color filter cells composed of a plurality of color filters, and a plurality of scribe keys at a border between the third and fourth regions;

forming a liquid crystal layer on the lower substrate;

assembling the upper and lower substrates thereby forming a plurality of cells;
exposing the inspection pads of the lower substrate by scribing and breaking the upper substrate along the scribe keys; and
performing an ON/OFF inspection to all of the plurality of cells by applying a voltage to the inspection pads of the lower substrate.

19. (New) The method of fabricating a liquid crystal cell for a liquid crystal display device according to claim 18, further comprising:

cutting the assembled substrates into the cells; and
performing a grinding process, wherein an edge of each of the cells is polished.

20. (New) The method of fabricating a liquid crystal cell for a liquid crystal display device according to claim 19, wherein the liquid crystal layer is formed before the cutting.

21. (New) The method of fabricating a liquid crystal cell for a liquid crystal display device according to claim 20, wherein after the cutting, a shorting bar for protecting the cell from static electricity is cut before the grinding process.

22. (New) The method of fabricating a liquid crystal cell for a liquid crystal display device according to claim 18, wherein the lower and upper substrates are made of glass.

23. (New) The method of fabricating a liquid crystal cell for a liquid crystal display device according to claim 22, wherein the lower and upper glass are about 370 X 470 mm² in size.

24. (New) The method of fabricating a liquid crystal cell for a liquid crystal display device according to claim 18, further comprising:

providing gate lines and data lines at the first region; and
providing a common line at the third region.

25. (New) The method of fabricating a liquid crystal cell for a liquid crystal display device according to claim 24, wherein the inspection pads are composed of first inspection pads connected to the gate and data lines, and second inspection pads connected to the common line.

26. (New) The method of fabricating a liquid crystal cell for a liquid crystal display device according to claim 25, further comprising the steps of:

cutting assembled substrates into the cells; and
performing a grinding process, wherein an edge of each of the cells is polished.

27. (New) The method of fabricating a liquid crystal cell for a liquid crystal display device according to claim 18, wherein the liquid crystal layer is formed by a dropping and dispensing method.

Application No.: 09/994,016
Group Art Unit: 2871
Reply to Office Action of April 22, 2003

Docket No.: 8733.546.00
Reply Dated August 21, 2003
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28. (New) The method of fabricating a liquid crystal cell for a liquid crystal display device according to claim 27, wherein the lower and upper substrates are assembled in the vacuum chamber.